

Review of: "Tweeting AI: A Machine Learning Approach for Bird Species Detection and Classification"

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Potential competing interests: No potential competing interests to declare.

I appreciate the authors for taking up an environmental challenging problem. The authors had done an extensive research and had justified their work. I wish more clarity can be brought out from this research work by providing more justifications or clear answers for the doubts being raised as follows.

1. The authors had discussed about lot of avian datasets but not clearly mentioned which data set they are giving as input to yolo /CNN and it would be grateful if the authors provide how many images of what size and whether they had taken b/w, or color or both and orientation of images. This will help the future researchers in this field to select an appropriate deep learning methodologies for their work.
2. The authors had extensively discussed about different CNN model but not mentioned any qualitative analysis, or not clearly provided the metrics which they had taken for evaluation of different methodologies. It would be of great usefulness if the authors provide the accuracy levels or sensitivity etc of their proposed methodology.
3. I will appreciate the authors if they give more clarity on what kind of audio analysis tool/method they had implemented along with yolo/cnn. (audio signal analysis part is not having much clarity).

As a reviewer, I recommend that this work can be accepted for publications and I kindly advise the authors to incorporate the suggestions which I had mentioned above. It will enhance the research work more and also help future researchers to do more works in the relevant field.